



SEQUENCE LISTING

<110> Sacktor, Todd C.

<120> A MEMORY ENHANCING PROTEIN

<130> The Research Foundation Albany

<140> 09/839,073

<141> 2001-04-20

<160> 4

<170> PatentIn Ver. 2.1

<210> 1

<211> 2058

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (444)..(1670)

<220>

<221> unsure

<222> (522)

<223> r at position 522 is g or a

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ggcaaggcta caggtgcatc aactgcaaac tgctgggtcca taagcgctgc cacggcctcg 420
tcccgtgac ctgcaggaag cat atg gat tct gtc atg cct tcc caa gag cct 473
                Met Asp Ser Val Met Pro Ser Gln Glu Pro
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cca gta gac gac aag aac gag gac gcc gac ctt cct tcc gag gag aca 521
Pro Val Asp Asp Lys Asn Glu Asp Ala Asp Leu Pro Ser Glu Glu Thr
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rat gga att gct tac att tcc tca tcc cgg aag cat gac agc att aaa 569
Xaa Gly Ile Ala Tyr Ile Ser Ser Ser Arg Lys His Asp Ser Ile Lys
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gac gac tcg gag gac ctt aag cca gtt atc gat ggg atg gat gga atc 617
Asp Asp Ser Glu Asp Leu Lys Pro Val Ile Asp Gly Met Asp Gly Ile
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Ile	Gly	Arg	Gly	Ser	Tyr	Ala	Lys	Val	Leu	Leu	Val	Arg	Leu	Lys	Lys		
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aat	gac	caa	att	tac	gcc	atg	aaa	gtg	gtg	aag	aaa	gag	ctg	gtg	cat	761	
Asn	Asp	Gln	Ile	Tyr	Ala	Met	Lys	Val	Val	Lys	Lys	Glu	Leu	Val	His		
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gat	gac	gag	gat	att	gac	tgg	gta	cag	aca	gag	aag	cac	gtg	ttt	gag	809	
Asp	Asp	Glu	Asp	Ile	Asp	Trp	Val	Gln	Thr	Glu	Lys	His	Val	Phe	Glu		
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Gln	Ala	Ser	Ser	Asn	Pro	Phe	Leu	Val	Gly	Leu	His	Ser	Cys	Phe	Gln		
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acg	aca	agt	cgg	ttg	ttc	ctg	gtc	att	gag	tac	gtc	aac	ggc	ggg	gac	905	
Thr	Thr	Ser	Arg	Leu	Phe	Leu	Val	Ile	Glu	Tyr	Val	Asn	Gly	Gly	Asp		
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ctg	atg	ttc	cac	atg	cag	agg	cag	agg	aag	ctc	cct	gag	gag	cac	gcc	953	
Leu	Met	Phe	His	Met	Gln	Arg	Gln	Arg	Lys	Leu	Pro	Glu	Glu	His	Ala		
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aaa gag agg ctc ggc tgc cgg cca cag act gga ttt tct gac atc aag			1433
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Ser His Ala Phe Phe Arg Ser Ile Asp Trp Asp Leu Leu Glu Lys Lys			
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cag gcg ctc cct cca ttc cag cca cag atc aca gac gac tac ggt ctg			1529
Gln Ala Leu Pro Pro Phe Gln Pro Gln Ile Thr Asp Asp Tyr Gly Leu			
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gac aac ttt gac aca cag ttc acc agc gag ccc gtg cag ctg acc cca			1577
Asp Asn Phe Asp Thr Gln Phe Thr Ser Glu Pro Val Gln Leu Thr Pro			
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Phe Glu Tyr Ile Asn Pro Leu Leu Leu Ser Thr Glu Glu Ser Val			
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 <213> Homo sapiens

<220>
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Lys Pro Val Ile Asp Gly Met Asp Gly Ile Lys Ile Ser Gln Gly Leu
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 Gly Leu Gln Asp Phe Asp Leu Ile Arg Val Ile Gly Arg Gly Ser Tyr
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 Ala Lys Val Leu Leu Val Arg Leu Lys Lys Asn Asp Gln Ile Tyr Ala
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 Met Lys Val Val Lys Lys Glu Leu Val His Asp Asp Glu Asp Ile Asp
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 Glu Lys Pro Ile Arg Ile Pro Arg Phe Leu Ser Val Lys Ala Ser His
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 Ser Ile Asp Trp Asp Leu Leu Glu Lys Lys Gln Ala Leu Pro Pro Phe
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 Gln Pro Gln Ile Thr Asp Asp Tyr Gly Leu Asp Asn Phe Asp Thr Gln
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 <212> DNA
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 <211> 13
 <212> PRT
 <213> Unknown Organism

<220>
 <223> Description of Unknown Organism: mzip peptide

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